

BENCH MARK
 B.M.: L5286
 DPW BM Tag in west curb, 5.0ft. n/o BCR @ NW Cor. Plum Canyon Rd. & Via Joyce Drive, 84ft. north and 20ft. west of CL intersection.
 ELEV. 1424.00
 NEWHALL QUAD (1995) NAVD88

STORMWATER POLLUTION PLAN NOTES:

- A. NOTES:**
1. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE OR WIND.
 2. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
 3. FUELS, OILS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEMS.
 4. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
 5. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL OF WIND.
 6. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
 7. ANY SLOPES WITH DISTURBED SOILS DENuded OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
 8. THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE "BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA 2003," OR THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY COUNTY INSPECTORS):

- | | | |
|-------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------|
| TEMPORARY SOIL STABILIZATION | WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL | NON-STORMWATER MANAGEMENT |
| SS-1 SCHEDULING | WM-1 MATERIAL DELIVERY AND STORAGE | NS-1 WATER CONSERVATION PRACTICES |
| SS-2 PRESERVING OF EXISTING VEGETATION | WM-2 WASTE MANAGEMENT | NS-2 DETERIORATING OPERATIONS |
| SS-3 HYDRAULIC MULCH | WM-3 STOCKPILE MANAGEMENT | NS-3 PAVING AND GRINDING OPERATIONS |
| SS-4 HYDROSEEDING | WM-4 SPILL PREVENTION AND CONTROL | NS-4 TEMPORARY STREAM CROSSING |
| SS-5 SOIL BINDERS | WM-5 SOLID WASTE MANAGEMENT | NS-5 CLEAR WATER DIVERSION |
| SS-6 STRAW MULCH | WM-6 HAZARDOUS WASTE MANAGEMENT | NS-6 ILLICIT CONNECTION/ILLEGAL DISCHARGE DETECTION AND REPORTING |
| SS-7 GEOTEXTILES AND MATS | WM-7 CONTAMINATED SOIL MANAGEMENT | NS-7 POTABLE WATER/IRRIGATION |
| SS-8 WOOD MULCHING | WM-8 CONCRETE WASTE MANAGEMENT | NS-8 VEHICLE AND EQUIPMENT CLEANING |
| SS-9 EARTH DIKES/DRAINAGE SWALES & LINED DITCHES | WM-9 SANITARY/SEPTIC WASTE MANAGEMENT | NS-9 VEHICLE AND EQUIPMENT FUELING |
| SS-10 OUTLET PROTECTION/VELOCITY DISPENSATION DEVICES | WM-10 LIQUID WASTE MANAGEMENT | NS-10 VEHICLE AND EQUIPMENT MAINTENANCE |
| SS-11 SLOPE DRAINS | TEMPORARY SEDIMENT CONTROL | NS-11 PILE DRIVING OPERATIONS |
| SS-12 STREAMBANK STABILIZATION | SC-1 SILT FENCE | NS-12 CONCRETE CURING |
| | SC-2 SEDIMENT/DESILTING BASIN | NS-13 MATERIAL AND EQUIPMENT USE OVER WATER |
| | SC-3 SEDIMENT TRAP | NS-14 CONCRETE FINISHING |
| | SC-4 CHECK DAM | NS-15 STRUCTURE DEMOLITION/REMOVAL OVER OR ADJACENT TO WATER |
| | SC-5 FIBER ROLLS | WIND EROSION CONTROL |
| | SC-6 GRAVEL BAG BERM | WE-1 WIND EROSION CONTROL |
| | SC-7 STREET SWEEPING AND VACUUMING | |
| | SC-8 STABILIZED CONSTRUCTION ROADWAY | |
| | SC-9 STRAW BALE BARRIER | |
| | SC-10 STORM DRAIN INLET PROTECTION | |

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE FOLLOWING DEPARTMENT SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

- 2000-0** LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS.
2002-1 PRECAST CONCRETE SHALLOW MANHOLE
2003-2 REINFORCED PRECAST CONCRETE MANHOLE
2015-1 STANDARD MANHOLE STEP
2021-1 BEDDING FOR SEWER PIPE
2023-2 CRADLING AND ENCASEMENT
2024-1 WYE OR TEE SUPPORT
2027-0 ALLOWABLE TRENCH WIDTHS
2028-1 JACKING STEEL CASING FOR SEWER PIPE
6008-1 MINIMUM PUBLIC SAFETY REQUIREMENTS
5-2A ANCHOR BLOCKS

- AMERICAN PUBLIC WORKS ASSOCIATION**
207-1 PRECAST REINFORCED CONCRETE MANHOLE BASE
220-2 CHIMNEY'S
208-1 BREAKING INTO EXISTING MANHOLES
222-1 HOUSE CONNECTION SEWER
210-2 MANHOLE FRAME AND COVER LOCKING TYPE
223-1 HOUSE CONNECTION REMODELING

NOTES:
 NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTE WATER DISCHARGE HAS BEEN ISSUED BY THE COUNTY SANITATION DISTRICTS FOR SAID CONNECTIONS. BEFORE BREAKING INTO OR CONSTRUCTING A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A COUNTY SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (661)246-4483 SO THAT REQUIRED INSPECTION CAN BE MADE.

NOTICE TO CONTRACTOR:
 MAINTAIN SEWER FLOW AT ALL TIMES DURING CONSTRUCTION.

ISSUE NO HOUSE LATERAL CONNECTION PERMITS UNTIL OUTLET PUMP STATION OF THIS PC AND TRACT 31803-01 PC 11805 ARE ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES

- LEGEND:**
 △ SEWER LINE IS UNDER STORM DRAIN
 ○ SEWER LINE IS OVER STORM DRAIN

PRIVATE CONTRACT SEWER GENERAL NOTES

1. A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE PERMIT CENTER, 900 SOUTH FREMONT AVENUE, 8TH FLOOR, ALHAMBRA, AT LEAST 72 HOURS PRIOR TO STARTING WORK UNDER THIS PERMIT. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CALTRANS, ETC., MUST BE FILED WITH THE PERMIT APPLICATION.
2. PRIOR TO ISSUANCE OF ANY PERMIT, THE CONTRACTOR SHALL FILE A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS NAMED AS THE CERTIFICATE HOLDER. THE DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF THE INSURANCE POLICY.
3. IF WORK IS DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
4. WHEN WORK IS WITHIN A CONTRACT CITY, THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY, TO DETERMINE THE LOCATION TO PAY THE INSPECTION FEE.
5. THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE "APPLICATION FOR CONSTRUCTION PERMIT" TO ARRANGE FOR AN ACCEPTABLE CONSTRUCTION START DATE.
6. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", INCLUDING SUPPLEMENTS AND THE LATEST "SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWER" AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-10.4.1 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" IN REGARD TO SAFETY ORDERS AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENT" AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS' STANDARD PLAN 6008-1.
9. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
10. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
11. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
12. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF STREETS, OR CENTERLINE OF ALLEYS, ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS BETWEEN SAID DESIGNED POINTS. THE GRADE SHALL BE ESTABLISHED FROM A STRAIGHT LINE DRAWN BETWEEN SAID DESIGN POINTS.
13. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45 DEGREES WITH THE M.L. SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
14. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
15. AN APPROVED BACKWATER VALVE IS REQUIRED WHEN THE PAD IS LOWER IN ELEVATION THAN THE TOP OF THE NEXT UPSTREAM MANHOLE.

CONSTRUCTION NOTES

1. PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
2. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "S" PER "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" SECTION 208-2.
3. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER LACDPW STANDARD PLAN 2023-2, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
4. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" (WITH BUSHING IF NECESSARY) PER "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" SECTION 208-2.
5. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT THE PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
6. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO THE MAINLINE SEWERS EXCEPT AS NOTED.
7. IF DURING THE COURSE OF THE CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPES SHALL BE ENCASED PER LACDPW STANDARD PLAN 2023-2, CASE II, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
8. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER LACDPW STANDARD PLAN S-3 (APWA 203-0), OR PRECAST CONCRETE SEWER MANHOLES PER LACDPW STANDARD PLAN S-38 (APWA 203-2), OR REINFORCED PRECAST CONCRETE MANHOLE PER LACDPW STANDARD PLAN 2003-2, EXCEPT AS NOTED.
9. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET DEPARTMENT OF PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
10. FULL COMPLIANCE WITH SECTION 306-1.3.4 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" WILL BE REQUIRED FOR BACKFILL IN STREET. CERTIFICATION OF BACKFILL, COMPACTION, AND SAND EQUIVALENTS BY A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE PERMITEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
11. ALL BACKFILL AND FILLS OUTSIDE OF THE STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM SOIL COMPACTION TEST D 1557-78 METHOD "D" UNLESS OTHERWISE SPECIFIED. THIS SHALL BE CERTIFIED BY A QUALIFIED CIVIL ENGINEER. THIS CERTIFICATION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS PRIOR TO THE ACCEPTANCE OF THE WORK BY THE COUNTY.
12. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AND "SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWER".
14. MANHOLE TOPS IN IMPROVED RIGHTS OF WAY TO BE LEVEL WITH FINISHED GRADE.
15. ALL WYES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST 5' APART AND WHEN POSSIBLE NOT CLOSER THAN 5' TO ANY MANHOLE.

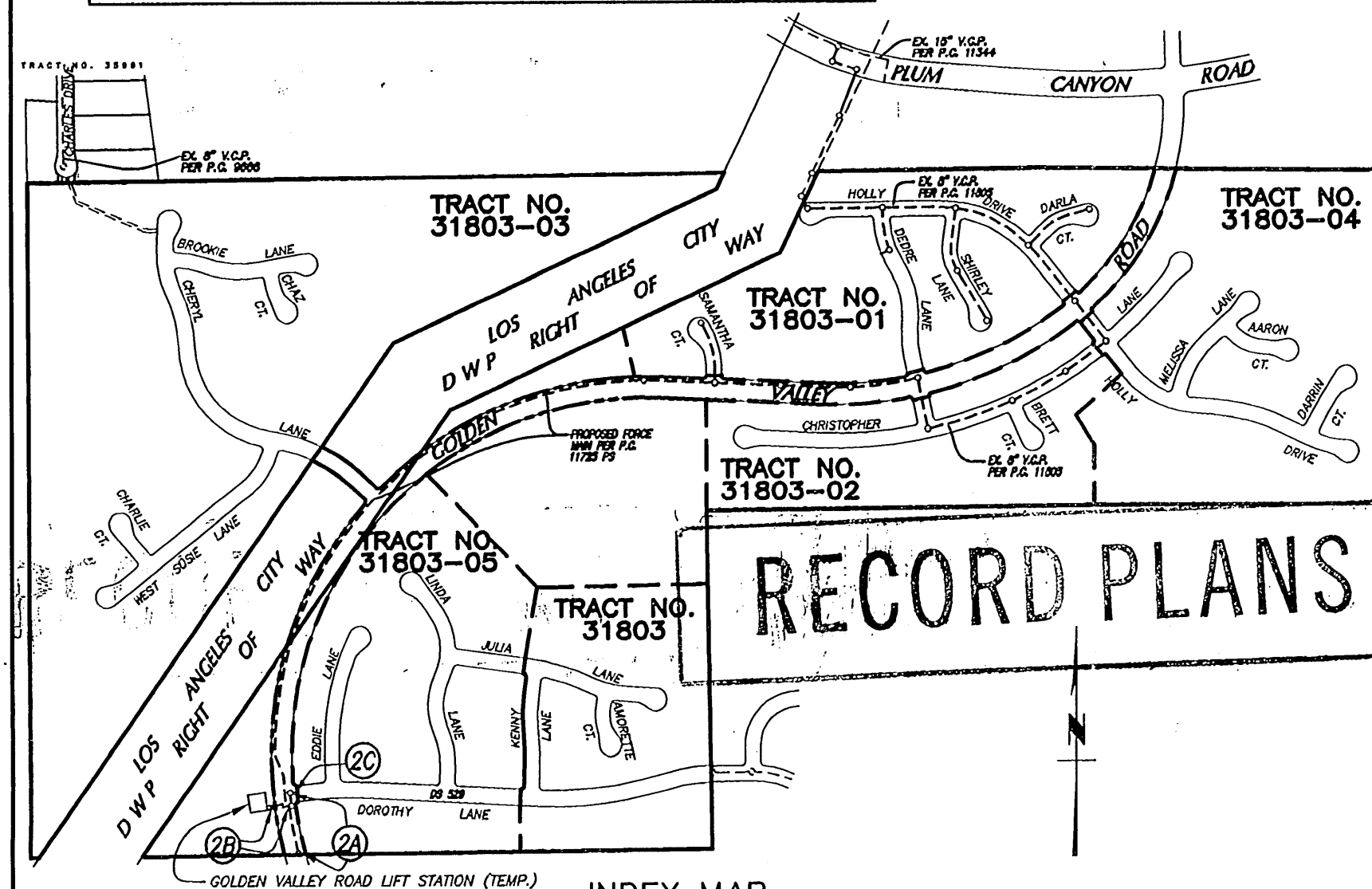
PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS
 TO BE CONSTRUCTED IN
 TRACT NO. DS 526 PC NO. 11725
 1 SHEETS: 2 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 INDEX N-1373

DONALD L. WOLFE DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: [Signature] DATE: 2/16/06
 SUBMITTED BY: [Signature] DATE: 2/15/06
 SUBDIVISION PLAN CHECKING SECTION

APPROVED: COUNTY SANITATION DISTRICT NO.32 OF LOS ANGELES COUNTY, CALIFORNIA
 JAMES F. STAHL - CHIEF ENGINEER AND GENERAL MANAGER
 BY: [Signature] DATE: 4-18-06
 PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY A SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CLUMINGS OF GENERAL TELEPHONE COMPANY AT 1-800-948 4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

PROJECT ENGINEER 69614 RCE NO 2/24/06 DATE



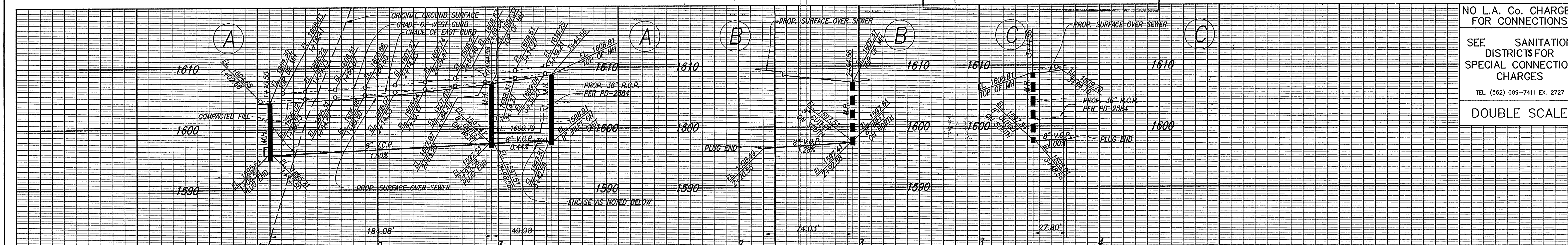
RECORD PLANS

INDEX MAP
 SCALE: 1"=600' INDEX N-1373
 P.C. 11725 TR. NO. DS-526
 THOMAS GUIDE PAGE: 4481-68

NO.	REVISION	REVISED BY	APPROVED BY	DATE	CITY OF SANTA CLARITA DISCHARGE APPROVAL
					BY: [Signature] DATE: 4/11/06

PS0006526

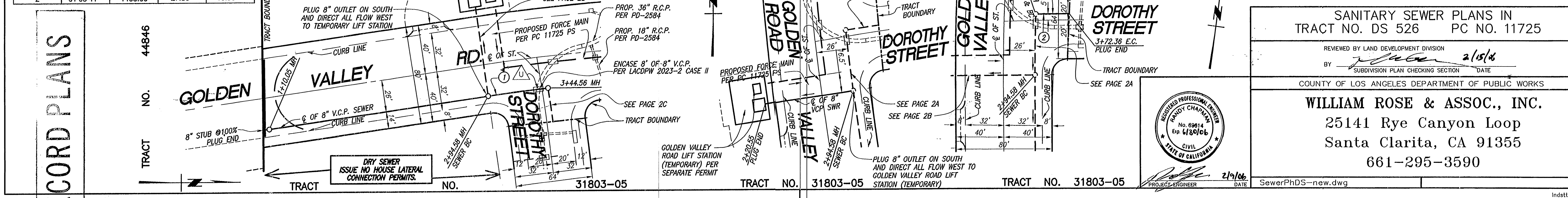
RECORD PLANS P.C. 11725 PAGE 2



NO L.A. Co. CHARGES FOR CONNECTIONS
 SEE SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
 TEL: (562) 699-7411 Ext. 2727
 DOUBLE SCALE

SEWER CL CURVE DATA:

①	DELTA	RADIUS	LENGTH	TANGENT
1	02°03'16"	1394.00	49.98'	24.99'
2	01°05'41"	1495.00'	27.80'	13.90'



PLAN
 SCALE: 1" = 40'
 SANITARY SEWER PLANS IN TRACT NO. DS 526 PC NO. 11725
 REVIEWED BY LAND DEVELOPMENT DIVISION
 BY: [Signature] DATE: 2/15/06
 SUBDIVISION PLAN CHECKING SECTION
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WILLIAM ROSE & ASSOC., INC.
 25141 Rye Canyon Loop
 Santa Clarita, CA 91355
 661-295-3590
 REGISTERED PROFESSIONAL ENGINEER
 No. 89014 Exp. 4/28/06
 CIVIL
 STATE OF CALIFORNIA
 PROJECT ENGINEER 2/9/06 DATE
 SewerPhDS-new.dwg

RECORD PLANS

02117 01 B.C. 01 9T
 02252 01 9T